COMMUNICATIONS

aqprox

# 300Mbps Wireless N Nano USB Adapter
# appUSB300NANO

USB device designed for networks of up to 300Mbps Wireless which allows any user to connect a computer, PC or notebook to a wireless network to 300Mbps, 150Mbps, 54Mbps or 11Mbps. Compatible with the protocols 802.11n, 802.11g and 802.11b. Supports multiple security protocols developed so far: WEP / WPA / WPA-PSK / WPA2-PSK / TKIP / AES. With a modern and compact, allows great mobility in any situation.

- Chipset Realtek
- NANO Design
- Compatible with MAC, LINUX and WINDOWS

## PRODUCT SPECIFICATIONS

### Technical Specifications

- Chipset: Realtek 8192CU
- Interface: USB2.0/1.1 type A
- LEDS: link / Activity
- Antenna: Internal PCB
- Frequency: 2412 ~ 2483.5 MHz,
- Transmission rate: up to 300Mbps
- Two methods of operation: Infrastructure and Ad-Hoc
- Incorporates WPS
- Compatible with Sony PSP for online gaming.
- Sensitivity: 802.11b:-84dBm @ 11Mbps 802.11g:-68dBm @ 54Mbps
- Operating Systems: Windows 2000/XP/ Vista/Win 7/Win 8, Linux, MAC
- Supports WEP 64/128, WPA, WPA2, 802.1x
- Voltage Range: DC 5.0V ± 5%
- Operating Temperature: 0 ° C - 50 ° C
- Humidity: 95% RH (No condensation)

### Warranty

- 2 years

### Color

- Black

### Material

- ABS

## PACKAGE CONTENTS

- APPUSB300NANO
- Quick Installation Guide
- Resource CD for APPUSB300NANO, including: Installation Software and drivers User Guide in multiple languages

| Specifications | |
|---|---|
| Standard | IEEE 802.11n,IEEE 802.11g, IEEE 802.11b |
| Chipset | RTL 8192CU |
| Wireless Speed | 11n: Up to 300Mbps<br>11g: Up to 54Mbps<br>11b: Up to 11Mbps |
| Frequency Range | 2.4-2.4835GHz |
| Wireless Transmit Power | 20dBm(MAX EIRP) |
| Modulation Type | OFDM/CCK/16-QAM/64-QAM |
| Receiver Sensitivity<br>(without Standards antenna) | 130M: -68dBm@10% PER<br>108M: -68dBm@10% PER<br>54M: -68dBm@10% PER<br>11M: -85dBm@8% PER<br>6M: -88dBm@10% PER<br>1M: -90dBm@8% PER |
| Work Mode | Ad-Hoc<br>Infrastructure |
| Wireless Security | 64/128 bits WEP<br>WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES) |
| Support Operating System | Windows 2000/XP/Vista/Linux/ Win 7/8/MAC |
| Interface | USB2.0 Hi-Speed connector |
| Operating Temperature | 0°C~50°C (32°F~104°F) |
| Storage Temperature | -40°C~70°C (-40°F~158°F) |
| Relative Humidity | 10% ~ 90%, non condensation |
| Storage Humidity | 5%~90% non-condensing |

## ORDERING INFORMATION

Type of Packaging

- Box

Dimensions and weight of packaging

- 14,5 x 9,5 x 2,5 cm
- 45 grms

Product code

- APPUSB300NANO

EAN Product Code

- 8435099513759

EAN Box Code

- 18435099513756

Units per box

- 20 units per box